

Title (en)

Shrink wrap tunnel with dynamic width adjustment

Title (de)

Schrumpfwickeltunnel mit dynamischer Breitenanpassung

Title (fr)

Tunnel rétracteur avec réglage de la largeur dynamique

Publication

EP 2778080 A1 20140917 (EN)

Application

EP 14159444 A 20140313

Priority

US 201313826639 A 20130314

Abstract (en)

A heat shrink tunnel (10) with width adjustment includes a pair of opposing side wall assemblies (14), each assembly (14) including an outer wall (18) and an inner perforated wall (34) defining a plenum (36) therebetween. The opposing side walls (34) define a product path therebetween having a longitudinal axis (A12). The side wall assemblies (14) are movable toward and away from the axis (A12). A heater/blower assembly (40) is disposed in each of the opposing side walls assemblies (14), each having an outlet (46) directed into the product path and drawing air from the product path, through its respective plenum (36). A top wall (16) extends between the pair of opposing side wall assemblies (14) and has an adjustable width to accommodate movement of the side wall assemblies (14).

IPC 8 full level

B65B 53/06 (2006.01); **B65B 59/02** (2006.01); **B65B 65/06** (2006.01)

CPC (source: EP US)

B65B 53/063 (2013.01 - EP US); **B65B 59/02** (2013.01 - EP US); **B65B 65/06** (2013.01 - EP US); **F27D 3/12** (2013.01 - US)

Citation (search report)

- [A] US 4579614 A 19860401 - BURMEISTER ROBERT J [US], et al
- [A] FR 1574464 A 19690711
- [A] US 2004231301 A1 20041125 - VANDERTUIN BRADLEY JON [US], et al

Cited by

EP3015377A1; EP3950515A1; EP3184444A1; US11084616B2

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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DOCDB simple family (application)

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